

Microporous and Mesoporous Materials 24 (1998) 245-246

Author Index

Altshuler, E., 51 Alvarez, A.M., 163

Bañares-Muñoz, M.A., 173 Beaunier, P., 69 Bellussi, G., 199 Bengoa, J.F., 163 Beyer, H.K., 143 Boddenberg, B., 127 Brown, R., 89

Cagnoli, M.V., 163
Carluccio, L., 199
Catlow, C.R.A., 153
Channon, Y.M., 153
Chippindale, A.M., 133
Chun, Y., 19
Coq, B., 89
Couturier, J.L., 89
Cowley, A.R., 133

Dorémieux-Morin, C., 101

Fajula, F., 89 Fraissard, J., 101 Frigerio, F., 199

Gabelica, Z., 189 Gallegos, N.G., 163 Gandía, L.M., 173 Gao, Z., 213 Gil, A., 173

Hadjiivanov, K.I., 41 Heeribout, .L., 101 Hegde, S.G., 59

Jackson, R.A., 153 Jia, C., 69

Kanellopoulos, N.K., 29 Kaucic, V., 83 Kumar, R., 59 Marchetti, S.G., 163 Massiani, P., 69 Mavrodinova, V., 143 Mavrodinova, V.P., 1, 9 McDougall, G., 89 Meden, A., 83 Mihályi, R.M., 143 Millini, R., 199 Minchev, C., 143 Mitropoulos, A.C., 29

Neinska, Y., 143 Nogier, J.-P., 101

O'Neil Parker, Jr., W., 199 Owens, S.L., 153

Paillaud, J.L., 189 Peacock, K.J., 133

Qin, Y., 19

Rajic, N., 83 Rittner, F., 127 Rivera, A., 51 Rodríguez-Fuentes, G., 51

Sarv, P., 83, 223 Sasidharan, M., 59 Seidel, A., 127 Sobalík, Z., 223 Stefanopoulos, K.L., 29

Toranzo, R., 173 Tvarůžková, Z., 223

Vicente, M.A., 173
Vidal, L., 189
Vincent, R., 101
Voskoboinikov, T.V., 8

89

Wichterlová, B., 223

Xu, J., 213 Xu, Q.-H., 19

Yeramián, A.A., 163 Yin, D., 123

Zhu, J.H., 19





Microporous and Mesoporous Materials 24 (1998) 247-248

Subject Index

Acid sites of ferrierite, 223
Adsorption, 29
Ag-ZSM-5, 41
Al₂O₃-NaY porous material, 19
AlPO₄-20, 189
AlPO₄-34, 83
Alumina-pillared α-zirconium phosphate, 213
Antacid, 51
Atomistic simulation, 153

Beta zeolite, 69 Bituminous coal, 29 Brønsted acidity scale of solids, 101 1,3-Butadiene, 89

Carbon monoxide, 41 Chabazite aluminophosphate, 83 Characterization, 163 Chemical vapor deposition (CVD), 127 Clean oxidation, 163 Clinoptilolite, 153 Clinoptilolite—heulandite, 51 Contrast matching, 29 Crystal structure, 133 Cs-β, Na-β and H-β, 9 Cu-zeolite, 89

d₃-Acetonitrile adsorption, 223 Deactivation, 89 Diels-Alder cycloaddition, 89 Dimethylformamide, 189 Dispersion, 123 DRIFT, 89

Energy-dispersive spectrometry, 69 Extinction coefficients of adsorbed d₃-aceto, 223

Ferrisilicate, 59

Gallium silicate, 59 Gismondine, 133 Guanidine, 133 H-ferrierite, 223
H₂O₂ as oxidant, 163
Heulandite, 153
High-silica H-ZSM-5 zeolites, 101
H MAS NMR, 101
H NMR, 101

In-situ polymerization, 213 Infrared spectroscopy, 69 IR spectroscopy, 41 Isomerization, 59 Isomorphous substitution, 59

KF modification, 19

Lanthanum, 69

Matrix stabilization, 127
Microporous, 133
Microwave irradiation, 123
Molecular dynamics, 199
Molecular mechanics, 199
Molecular sieve, 83
Monoclinic AlPO₄-SOD, 189
Montmorillonite, 173

Natural zeolites, 51 NaY zeolite, 19, 123 New aluminophosphate, 189 New solid bases, 19 Ni(II) complex, 83 Nitrates, 41 Nitrogen monoxide, 41 Non-aqueous system, 189

Open framework, 133

Pepsin, 51 Pillaring, 173 Porosity, 213 Pyrrolidine, 133

Redox behavior of indium, 143 Reductive solid-state ion exchange, 143 Reverse exchange, 9 Rigid lattice, 101

Saponite, 173
Selective catalytic reduction, 41
Si/Al distribution, 153
Silver, 41
Small-angle X-ray scattering, 29
Sodalite-like structure, 189
Solid-state ion exchange, 69, 123
Solid-state ion exchange with NaCl and CsCl, 1
Solid-state ion exchange with NH₄Cl, 9
Sorption, 41
Structure-directing agents, 199
Structure determination, 189
Surface acidity, 59, 213
Swelling, 29
Synthesis, 133, 199

Thermal stability, 213 Titanium-silicalite, 163 Triclinic precursor, 83 1,3,5-Trimethyl benzene, 59

4-Vinylcyclohexene, 89

¹²⁹Xe NMR spectroscopy, 127

Y zeolite, 127

Zeolite, 199
Zeolite beta, 143
Zeolite hydrophobicity, 101
Zeolite NCL-1, 59
Zeolite NH₄-beta, 1
Zeolites, 41
Zeolitic catalyst, 163
Zinc-gallium phosphate, 133
Zinc exchange, 127
Zinc polycations, 127
ZnCl₂, 123
Zr oligomers, 173

